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FORM PTO-1595		U.S. DEPARTMENT OF COMMERCE			
	FORM COVER SH				
PATE		Attorney Docket No. 10014296-1			
1. Name of conveying party(ies):	2. Name an	id address of receiving party(ies):			
THOMAS C. ANTHONY		T-PACKARD DEVELOPMENT COMPANY, L.P.			
COLIN A. STOBBS	20555 S Houston	SH 249 A, TX 77070			
MANOJ K. BHATTACHARYYA		···· · · ·			
ANTHONY PETER HOLDEN					
DARREL R. BLOOMQUIST					
Additional name(s) of conveying party(ies) attachedYes	X No Additional nar	πe(s) & address(es) attached?YesXNo			
3. Nature of Conveyance:					
-	erger	Change of Name			
Security AgreementOt	her				
Execution Date(s): 06/18/2003; 07/01/2003; 06/1	8/2003; 06/25/20	03: 06/25/2003			
Application number(s) or patent number(s):					
If this document is being filed together with a new	application, exect	ution date of the application is:			
A. Patent Application No.(s)		B. Patent No.(s)			
Application No.: 10/612,676 Date File	ed: 07/02/2003				
Confirmation No.: Additional	numbers attached	? <u>NO</u>			
 Name and address of party to whom correspond concerning document should be mailed: 	tence 6. Total πu	mber of applications and patents involved: 1			
Records Manager	7. Total Fe	7. Total Fee (37 CFR 3.41): \$40.00			
Intellectual Property Administration HEWLETT-PACKARD COMPANY	f	Inclosed			
P.O. Box 272400 Fort Collins, Colorado 80527-2400	<u> </u>	Authorization to be charged to deposit account.			
	8. Deposit	Account Number: 08-2025			
DO NO	OT USE THIS SPAC	3E			
9. Statement and signature.					
To the best of my knowledge and belief, the foreg true copy of the original document.	going information i	is true and correct and any attached copy is a			
5	$P \downarrow /$				
BE HENRY C /	<u>> < (</u>	Jul 31, 2003			
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OM6 No. 0651-0011 (exp. 4/94)					
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Mail document to be recorded with required cover	sheet information	to:			
Mail Stop A	ssignment Recordati e US Patent and Trac	on Services			
	PO Box 1450 andria, VA 22313-1				
		PATENT			

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FAICNI REEL: 013842 FRAME: 0900

PATENT APPLICATION

Attorney Docket No. 10014296-1

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), in furtherance of my/our obligations to HPDC, and do hereby assign and transfer to HPDC, its successors and assigns, the entire right, title and Interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

MAGNETIC MEMORY DEVICE

07/02/2003 Filing Date:

Serial No.:

10/612,676

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; and any reissues, or reexaminations, or extensions of said Letters Patent.

//we additionally authorize HPDC to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made;

AND I/we hareby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to HPDC, it successors, assigns, nominees or legal representatives, and I/we agree to communicate to HPDC, or to its nominees, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid HPDC, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by HPDC;

AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to HPDC, as assignce of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be Issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

I/we further authorize and direct HPDC attorneys to insert the serial number and filing date of said application now identified by the attomey docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

's Sionature (Seal)

Inventor's Typed Name: Thomas C. Anthony

pate Assignment Signed: Date Application Signed:

State of)) ss.;
County of)
Before me this	day of	

Before me this

personally appeared who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

Notary Public My Commission Expires:

Page 1 of 4

Page 1 of3

PATENT REEL: 013842 FRAME: 0901

PATENT APPLICATION

Attorney Docket No. 10014296-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

GIN. Stelle	State of)
Inventor's Signature (Seal)	County of) SS.:)
Stabbs CAS. Inventor's Typed Name: Colin ASt ubbs Date Assignment Signed: <u>1St Jour 2003</u>	Before me this day of personally appeared who is personally known or p of satisfactory evidence to be acknowledged the foregoing	a the person who
	assignment to be his/her free	
Date Application Signed: <u>1⁵⁴ ডিডেন ৫০০</u> ৪		
	Notary Public My Commission Expires:	
IN WITNESS WHEREOF, I/we hereunto set my/our hand		
	State of)) ss.:
nventor's Signature (Seal)	County of)) – …
nventor's Typed Name: Manoj K. Bhattaharyya	Before me this day o personally appeared who is personally known or p	proved to me on the basis
Date Assignment Signed:	of satisfactory evidence to be acknowledged the foregoing assignment to be his/her free	instrument of
Date Application Signed:		

Notary Public My Commission Expires:

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

Inventor's Signature (Seal)

Inventor's Typed Name: Anthony Peter Holden

Date Assignment Signed:

06/25/03.

Date Application Signed:

State of))
County of		}) 55.:
Before me this	day of		

Notary Public My Commission Expires:

PATENT REEL: 013842 FRAME: 0902

	-	ATENT APPLICATION
	, Atto	mey Docket No. 10014296-1
ASSIGNMENT OF PATENT APPLI	CATION (cont.)	
IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and se	al(s):	
	State of) }ss.:
nventor's Signature (Seal)	County of)
nventor's Typed Name: Colin A. Stubbs	of satisfactory evidence to acknowledged the foregoin	ng instrument of
	assignment to be his/her f	ree act and deed.
Date Application Signed:		
	Notary Public My Commission Expires:	
IN WITNESS WHEREOF, I/we hereunto set my/our hand(\$) and so	cal(5):	
	State of)
Inventor's Signature (Seal)	County of) 58.: }
	Before me this da	ay of
Inventor's Typed Name: Manol K. Bhattaharyya $Bhattacharyya$	personally appeared who is personally known of satisfactory evidence to	or proved to me on the basis
Date Assignment Signed: <u>6/18/03</u>	acknowledged the forego assignment to be his/her	ing instrument of
Date Application Signed: 6/18/03		
	Notary Public My Commission Expires:	
IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and a	eal(s): State of)
Inventor's Signature (Seal)	County of)ss.:)
(Avenors algostate (aea)	•	lay of
Inventor's Typed Name: Anthony Peter Holden	personally appeared who is personally known of satisfactory evidence	or proved to me on the basis to be the person who
Date Assignment Signed:	acknowledged the foreg assignment to be his/he	oing instrument of r free act and dood.
Date Application Signed:		
	Notary Public My Commission Expires	:
Page 3 of 4		
Page 3 of 4		Page 2 of
Page 3 of 4		Page 2 of

PATENT APPLICATION

Attorney Docket No. 10014296-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

Inventor's Signature (Seal) (DECEASED)

Inventor's Typed Name: Darrel R. Bloomquist

State of) 55.: County of 200 Before me this ZS day of 🤇 personally appeared

who is personally known or proved to me on the basis of satisfactory evidence to be the person who

acknowledged the foregoing instrument of assignment to be his/her free act and deed.

munue. ion Expires: THE ARE AND A HO

৫-22-০3 Date Assignment Signed:

Date Application Signed:

Signature (Seal) of Legal Representative (o) Darrel R. Bloomquist

25-0

Typed Name of Legal Representative:_

Page 4 of 4

PATENT REEL: 013842,FRAME: 0904 ** Be Henry-Admin to Howard Boyle Legal Department - M5#110701 20555 SH 249, Houston, TX 77070 Tei: 281-518-5992 Fax: 281-514-8332 Fax: 281-514-7137 (Direct)

Hewiett-Packard Co.

FAX

To:	USPTO Assignment Divisi	n From:	Be Henry	- 1 BL
Fax:	703 / 306-5995	Pages:	7 (including coverst	neet)
Phone:	703 / 308-9723	Date:	7/31/2003	
Ře:	10014296-1 (10/612,676	CC:		
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• Comments:

Ladies and Gentlemen:

Please record this 4-page assignment and send me the Notice of Recordation by fax to 281-514-7137.

Thank you for your assistance.

Be Henry

narr		CERTIFICATE	OF	TRANSM	ISSION				
I hereby certify that	this	correspondence	iø	being	facsimile	transmitted	to	the	United
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PATENT REEL: 013842 FRAME: 0905

FORM PTO-1595		U.S. DEPARTMENT OF COMMERCE
1-31-92 RECORDAT	ION FORM	COVER SHEET Patent and Trademark Office
P/	ATENTS ON	LY Attorney Docket No. <u>10014296-1</u>
. Name of conveying party(ies):	2	. Name and address of receiving party(ies):
THOMAS C. ANTHONY		HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
COLIN A. STOBBS		20555 SH 249
MANOJ K. BHATTACHARYYA		Houston, TX 77070
ANTHONY PETER HOLDEN		
DARREL R. BLOOMQUIST		
Additional name(s) of conveying party(ies) attachedYe	≈ <u>X</u> No	Additional name(s) & address(es) attached?Yes XNo
3. Nature of Conveyance:		
X Assignment	_ Merger	Change of Name
Security Agreement	_Other	
Execution Date(s): 06/18/2003; 07/01/2003; 0)6/18/2003	; 06/25/2003; 06/25/2003
Application number(s) or patent number(s);		
If this document is being filed together with a	new applica	ation, execution date of the application is:
A. Patent Application No.(s)		B. Patent No.(s)
Application No.: 10/612,676 Date	Filed: 07/	02/2003
Confirmation No.: Additio	nal number	s attached? NO
	pondence (Total number of applications and patents involved: 1
concerning document should be mailed: Records Manager		7. Total Fee (37 CFR 3.41); \$40.00
Intellectual Property Administration		Enclosed
HEWLETT-PACKARD COMPANY P.O. Box 272400		—
Fort Collins, Colorado 80527-2400		X Authorization to be charged to deposit account
	-	8. Deposit Account Number: 08-2025
DC		THIS SPACE
9. Statement and signature.	f/_ in	formation is true and correct and any attached CODY is 2
To the best of my knowledge and beller, the r true copy of the original document.	roregoing in	formation is true and correct and any attached copy is a
	<u> </u>	. /
BE HENRY	-Be (7	Jul 31, 2003
Name of Person Signing Sign	ature	Date
Total number of p	pages includi	ing cover sheet, attachments, and document: 7
OMB No. 0651-0011 (exp. 4/94)		
Do	Not detac	h this portion
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RECORDED: 07/31/2003		REEL: 013842 FRAME: 09